



AMERICAN SOCIETY OF CIVIL ENGINEERS

345 EAST 47th STREET • NEW YORK, N. Y. 10017

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MEMO TO:

8/22

Sorry for delay.

A Transmittal letter
has been sitting in our
Word Processing Center for one
week. (I'll send it along
if & when it ever comes back,
but the basic info is attached)

From the Desk of

JAMES M. SHEA

DIRECTOR
PUBLIC COMMUNICATIONS

• (212) 644-8082



AMERICAN SOCIETY OF CIVIL ENGINEERS

345 EAST 47th STREET • NEW YORK, N. Y. 10017 • (212) 644-7496

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August 28, 1978

[Redacted]
Deputy Chief
Real Estate & Construction Division
Office of Logistics
Central Intelligence Administration
Washington, DC 20505
[Redacted]

I understand that you need information which will be helpful to Admiral Turner who is the Keynote Speaker on October 16, at the ASCE National Convention.

Here enclosed is some material which I believe will be helpful. Should you want additional information please do not hesitate to let me know.

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Sincerely,

Herbert R. Hands
Manager, Public Information Services

HRH:d1
Enc.

CIVIL ENGINEERING: A PEOPLE-SERVING PROFESSION

news

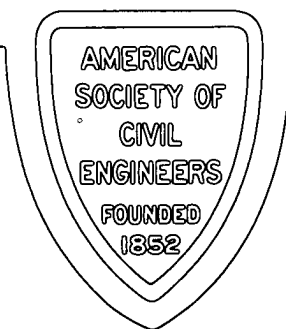
American Society of Civil Engineers

PUBLIC INFORMATION SERVICES

UNITED ENGINEERING CENTER

345 EAST 47 STREET / NEW YORK, N. Y. 10017

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BACKGROUND INFORMATION

THE AMERICAN SOCIETY OF CIVIL ENGINEERS

The American Society of Civil Engineers was the first national engineering society to be established in the United States. Founded in 1852 as the American Society of Civil Engineers and Architects, the original objective was "the professional improvement of its members, the encouragement of social intercourse among men of practical science, the advancement of engineering in its several branches, and of architecture, and the establishment of a central point of reference and union for its members." Today's objective, as amended in the Society's Constitution, is the "advancement of the science and profession of engineering to enhance the welfare of mankind."

As branches of the profession developed, other professional societies came into being -- architectural in 1857, mining in 1871, mechanical in 1880, electrical in 1884, and chemical in 1908. Today there are nearly one million engineers and more than 100 professional societies of varying sizes.

Today the American Society of Civil Engineers has 75,000 members. Membership is held by individual engineers and other qualified persons, rather than on an organizational basis. Membership qualification standards are high, for each year as many as 8% of the applications for membership are declined and several hundred are dropped because they have not advanced their professional qualifications to a higher grade of Society membership.

The maintenance of high standards has resulted in a distinguished membership and makes the activities of the Society particularly significant.

(more)

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With continuing education and professional growth as primary activities, the membership is also concerned with protection and promotion of professional standards, the legal registration of engineers, development of professional consciousness within the profession and civil engineering students, undergraduate and graduate engineering education, and stimulation of technical research and publication of new technical information.

To conduct and support this work, 82 Sections, 116 Branches, 200 Student Chapters and clubs and hundreds of national technical and professional committees are organized. Regularly held national Conventions and Expositions highlight new technology. These are supplemented by hundreds of technical meetings, seminars and special conferences on specific subjects.

The American Society of Civil Engineers operates on a budget of more than 6 million dollars with almost one half of this amount spent for publications. Entrance fees and dues account for almost half of the Society's income, with the rest coming from publication sales, advertising, conventions, continuing education, and investments.

More than 3,000 members voluntarily serve on nearly 500 different technical committees, in administrative and coordinating committees and about 150 members conduct 24 professional committees. With the activities of Sections, Student Chapters, Joint Councils, and the many working committees, an average of approximately 100 meetings or other functions are held every weekday by ASCE groups.

The following fifteen Technical Divisions and five Technical Councils of the Society work to develop and disseminate new technical information:

AIR TRANSPORT
CONSTRUCTION
ENGINEERING MECHANICS
ENVIRONMENTAL ENGINEERING
GEOTECHNICAL ENGINEERING
HIGHWAY
HYDRAULICS

STRUCTURAL ENGINEERING
SURVEYING AND MAPPING
URBAN PLANNING AND DEVELOPMENT
URBAN TRANSPORTATION
WATER RESOURCES PLANNING AND MANAGEMENT
WATERWAYS, HARBORS AND COASTAL ENGINEERING
AEROSPACE

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IRRIGATION AND DRAINAGE
PIPELINE
POWER

COMPUTER PRACTICES
LIFELINE EARTHQUAKE ENGINEERING
OCEAN ENGINEERING

Through the Technical Divisions and Councils the members are stimulated and aided in producing significant contributions to the knowledge of civil engineering techniques.

To support its technical activities, ASCE maintains an active research program to develop needed information and to inspire research in subject areas of interest to civil engineers. In addition to research committees in its Technical Divisions and Councils, ASCE has a Committee on Research with specialized committee efforts on research in transportation engineering, environmental engineering, structural engineering, water resources engineering, and computer applications program. Current ASCE Research Councils are as follows:

COASTAL ENGINEERING
COMPUTER PRACTICES
CONSTRUCTION
ENVIRONMENTAL IMPACT ANALYSIS
EXPANSIVE SOILS
PERFORMANCE OF STRUCTURES

PIPELINE
REINFORCED CONCRETE
STRUCTURAL PLASTICS
UNDERGROUND CONSTRUCTION
URBAN TRANSPORTATION
URBAN WATER RESOURCES

In standards ASCE committees carry out many projects. ASCE is represented on over 75 outside standards and code activities by more than 100 members. The Society has a Committee on Standards to direct and coordinate Society efforts in this area.

With this broad field of endeavor, there is no other branch of engineering which is so closely concerned with provision of facilities and services essential to the improvement of man's environment.

Publications of the Society include the monthly magazine Civil Engineering, and ASCE News, a monthly newspaper which help keep members informed on subjects of interest and importance. The Technical Division Journals include papers, and a number of Manuals and Reports provide authoritative information on a variety

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of civil engineering subjects. A volume, ASCE Transactions, is published providing an annual key to all the published material. Publication standards of the Society are continually raised. In 1959 some 80% of the papers submitted were published and in 1976 the percentage was 52%.

Governing the Society is a regionally elected Board of Direction. Appointed by the Board is the Executive Director who heads a staff of approximately 100 persons. The headquarters of the American Society of Civil Engineers is located on the top three floors of the United Engineering Center, adjacent to United Nations Plaza in New York City.

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May 1977